

## CLAIMS

1. A ceramic heater, wherein a resistance heating element is arranged on a surface of a disc-shaped ceramic substrate or  
5 inside the substrate,

characterized in that said resistance heating element is composed of a mixture of a resistance heating element having a concentric or spiral pattern and a resistance heating element having a pattern of a winding line.

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2. A ceramic heater, wherein a resistance heating element is arranged on a surface of a disc-shaped ceramic substrate or inside the substrate,

characterized in that said resistance heating element is  
15 composed of a mixture of a resistance heating element having a concentric or spiral pattern and a resistance heating element having a pattern of repeated winding lines.

3. The ceramic heater according to claim 1 or 2, wherein the  
20 resistance heating element having the pattern of the winding line or the pattern of the repeated winding lines is formed at least in a peripheral portion of the disc-shaped ceramic substrate.

- 25 4. The ceramic heater according to any of claims 1 to 3, wherein said ceramic substrate is made of a non-oxide ceramic.

5. The ceramic heater according to any of claims 1 to 3, wherein said ceramic substrate is made of a nitride ceramic.

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6. The ceramic heater according to any of claims 1 to 3, wherein said ceramic substrate is made of a carbide ceramic.